

METHOD OF FABRICATING A LUBRICANT-INTEGRATED LOAD/UNLOAD RAMP FOR A DISC DRIVE

Abstract of the Disclosure

A method for fabricating a disc drive load/unload ramp incorporates a disc drive compatible lubricant as the mold releasing agent. A mold having a load/unload ramp cavity is sprayed with a predetermined amount of disc drive compatible lubricant so that the finished load/unload ramp exhibits a predetermined thickness of lubricant. Alternatively, a known amount of disc drive compatible lubricant is combined with the load/unload ramp polymer during the melting stage of the molding process to yield a load/unload ramp exhibiting a predetermined thickness of lubricant. In either case, the lubrication of the load/unload ramp is integrated into the fabrication process in order to obtain a one step finished pre-lubricated product.